

40174797



SUPERFUND RECORDS

TES

Site: Herculaneum
 ID# MOB006266372
 Break: 2.0
 Other: 4-15-03

A717

Herculaneum, Missouri

Community Advisory Group Meeting

April 15, 2003
 Bruce Morrison, EPA
 Jim Silver, EPA (636) 475-3926
 EPA Toll Free Phone # 1-800-223-0425

Current Actions at Site

- Surface soil replacement
- Improve smelter operations
- Cleaning homes to HUD standards
- Community Awareness
- Monitoring for recontamination
- Voluntary home purchase

Site Progress

- 167 yards completed; 67 refusals
- 83 home interiors completed; 134 refusals
- 97 vacuums provided by EPA
- 908 yards sampled; 616 yards have all or partial lead contamination above 400 ppm

Site Progress Cont.

Doe Run required to replace contaminated soil at 60 residential properties in 2003.

EPA offering to sample home interiors at residences where interior cleaning has been refused.

Air Monitoring Data

- Doe Run's average for Broad Street for 2003 first quarter - 1.49 ug/m³
- Results from stack test conducted in January 2003 indicated facility in compliance. 354 grams of lead per ton of lead produced. Standard is 500 grams of lead per ton of lead produced.

Home Interior Status

- Doe Run will re-clean home interiors that become recontaminated above HUD standards where children up to 6 years old live
- EPA conducting re-sampling of previously cleaned home interiors
- Focus group formed to develop site-specific strategy and standards

Focus Group Status

- Lead dust experts provided preliminary recommendations for site on 12/19/02
- Preliminary recommendations include reducing the HUD standards and modifying sampling protocols
- Focus group formed additional questions for experts

Slag Pile

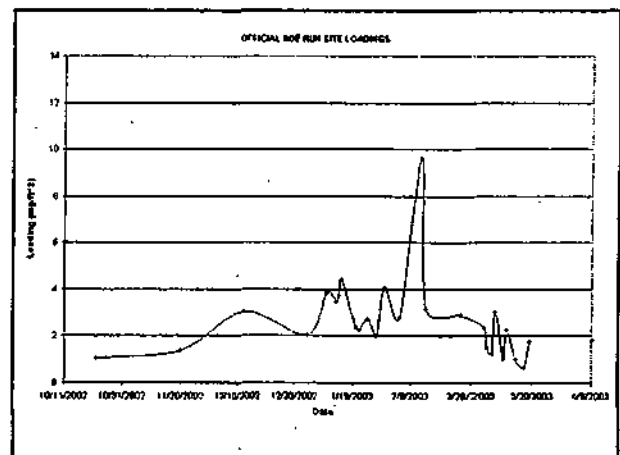
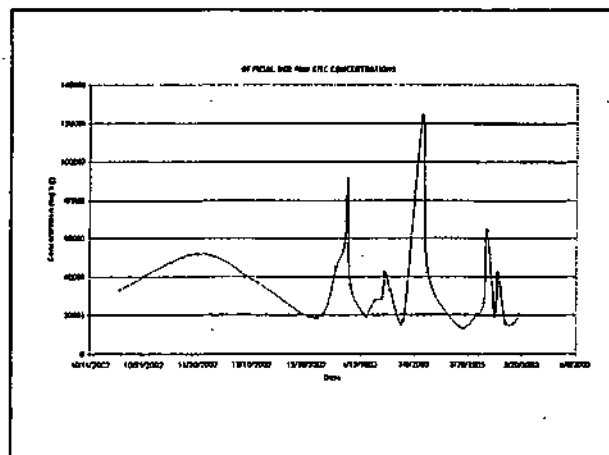
- EPA proposed interim measures that control surface run on and runoff and isolate the pile from 10-year flood events
- Proposal had two options for Interim flood protection;
 - 1) Berm around the pile
 - 2) Capping the base of the pile

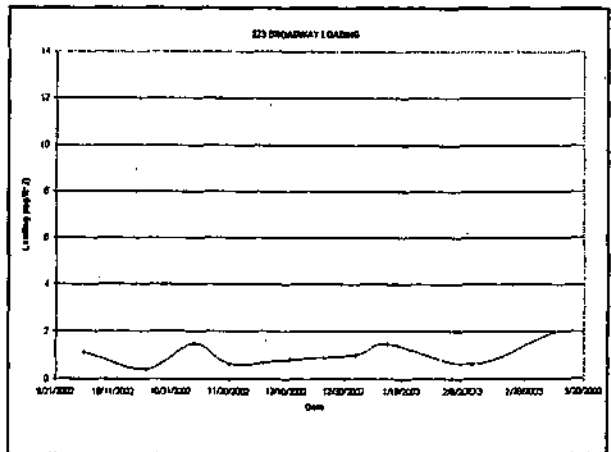
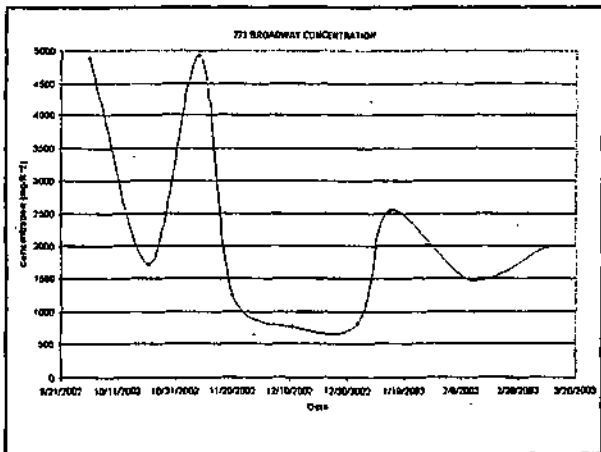
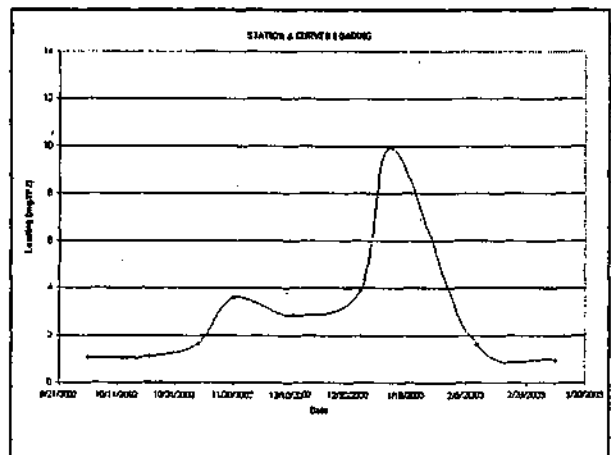
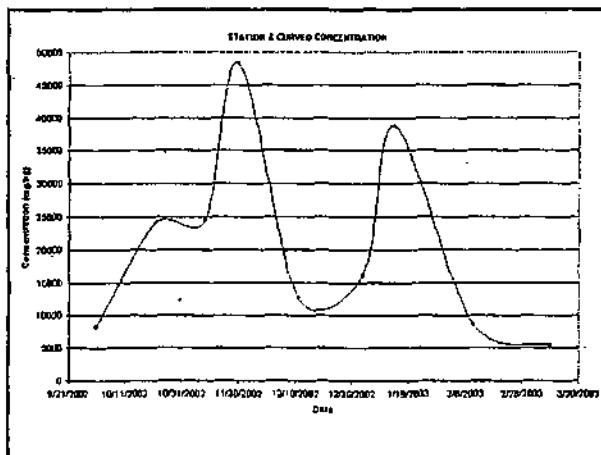
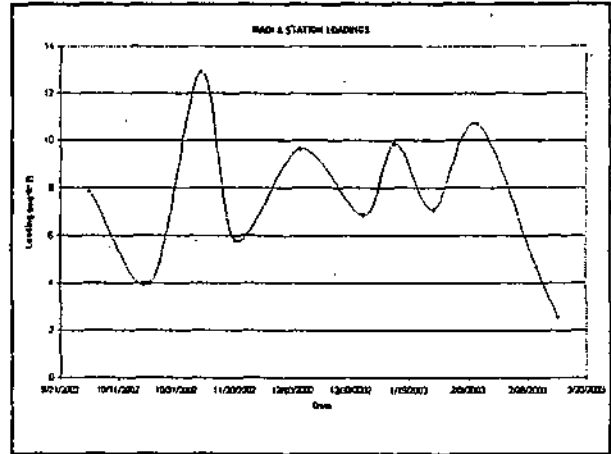
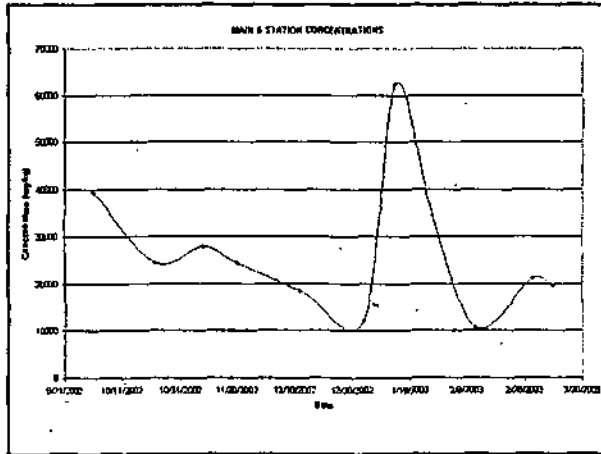
Slag Pile cont.

- Doe Run prefers berm options over the armor option and has offered additional berm options that provide protection for 500-year flood events.

Lead levels on Streets

- Levels are variable
- Sources believed to be track out from facility and spillage from concentrate trucks
- Street contamination will eventually spread to yards and homes





Materials Handling and Transportation

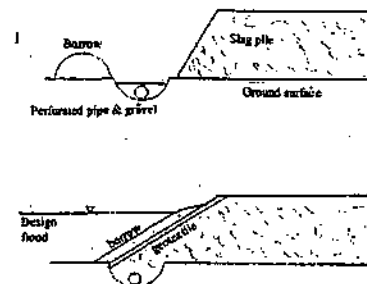
- EPA requiring that the Plan be modified due to lead levels measured on streets
- Draft Plan submitted April 2, 2003.
- Plan includes washing of all concentrate trucks, improved separation of clean and dirty zones, and a gated truck exit at facility.

Property Access from Owners

- EPA encourages access to protect public health
- Access needed to conduct additional dust fallout data

Option for Flood Control / Storm Water Collection at Slag Pile

Uses geotextile and compacted earth for cover
Minimizes earth moved
Minimizes slag pile footprint



DEAN WILSON: WRITE A GUIDE ON
GROWING VEGETABLES. WILL BE DOING
SOME INTERVIEWS. GET HIM VEG. FACT SHEET
ATSDR DOING VEG. STUDY.
CHECK ON COMMENT LTR TO LESLIE. ST & H
GIVE PRESENTATION ON SAMPLING & HANDLING FOR
SAMPLING OF SHOULDER VS. STREETS.
TUESDAY T.V. INTERVIEW - JOANN AT TRUCK
WASH.
PHOSPHATE PRESENTATION GIVEN: GOOD PICS
& CONS.